

# 23<sup>rd</sup> Annual CRB Symposium

May 16-18, 2019 • Sheraton New Orleans Hotel • New Orleans, Louisiana

## Preliminary Schedule of Events

as of December 7, 2018

### Wednesday, May 15, 2019

Time	Pre-Conference Events		
7:00 a.m. - 5:30 p.m.	Conference Registration <span style="float: right;">Napoleon CD123</span>		
7:00 a.m. - 5:00 p.m.	American Board of Bioanalysis (ABB) Meeting <span style="float: right;">Maurepas</span>		
8:00 a.m. - 4:00 p.m.	American Board of Bioanalysis (ABB) Examination <span style="float: right;">Armstrong</span>		
9:00 a.m. - 12:00 p.m.	<p><b>CRB Workshop – Alert and Alarmed: A Mini-Symposium on IVF Laboratory Safety and Alarm Monitoring</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Tissue Bank Storage</b></p> <p><i>Brent Hazelrigg</i> ReproTech Limited St. Paul, Minnesota</p> <p><b>LN2 Tank Safety and Security</b></p> <p><i>Don Fish</i> California Cryobank Los Angeles, California</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Disaster Preparedness</b></p> <p><i>Charles L. Bormann, PhD, HCLD(ABB)</i> Harvard Medical School Boston, Massachusetts</p> </td> </tr> </table> <p style="text-align: right;">3 Hours Borgne</p>	<p><b>Tissue Bank Storage</b></p> <p><i>Brent Hazelrigg</i> ReproTech Limited St. Paul, Minnesota</p> <p><b>LN2 Tank Safety and Security</b></p> <p><i>Don Fish</i> California Cryobank Los Angeles, California</p>	<p><b>Disaster Preparedness</b></p> <p><i>Charles L. Bormann, PhD, HCLD(ABB)</i> Harvard Medical School Boston, Massachusetts</p>
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12:00 p.m. – 1:00 p.m.	Lunch On Your Own		
1:00 p.m. - 4:00 p.m.	<p><b>CRB Workshop (continued) – Alert and Alarmed: A Mini-Symposium on IVF Laboratory Safety and Alarm Monitoring</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Shipping Cryotanks / Dewars</b></p> <p><i>Marlane J. Angle, PhD, HCLD/CC(ABB)</i> Laurel Fertility Center San Francisco, California</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>LN2 Tank Safety Training</b></p> <p><i>Michael F. Myers, MSc, ELD(ABB)</i> Cryogenics Safety Solutions Dayton, Ohio The Fertility Wellness Institute West Chester, Ohio</p> </td> </tr> </table> <p style="text-align: right;">3 Hours Borgne</p>	<p><b>Shipping Cryotanks / Dewars</b></p> <p><i>Marlane J. Angle, PhD, HCLD/CC(ABB)</i> Laurel Fertility Center San Francisco, California</p>	<p><b>LN2 Tank Safety Training</b></p> <p><i>Michael F. Myers, MSc, ELD(ABB)</i> Cryogenics Safety Solutions Dayton, Ohio The Fertility Wellness Institute West Chester, Ohio</p>
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5:30 p.m. - 10:00 p.m.	AMS Administrative Board Meeting and Dinner <span style="float: right;">Maurepas</span>		

### Thursday, May 16, 2019

Time	CRB Symposium: Essential Elements of the Modern IVF Lab
7:00 a.m. - 7:00 p.m.	Conference Registration <span style="float: right;">Napoleon CD123</span>
7:30 a.m. - 8:45 a.m.	Continental Breakfast <span style="float: right;">Napoleon CD123</span>
8:45 a.m. - 9:45 a.m.	<p><b>KEYNOTE: In Vitro Fertilization: A Historical Perspective</b></p> <p><i>David H. McCulloh, PhD, HCLD/CC(ABB)</i> NYU Fertility Center New York, New York</p> <p style="text-align: right;">1 Hour Napoleon AB123</p>
9:45 a.m. - 10:45 a.m.	<p><b>From Good to Great: High Performance IVF Labs, KEY Performance Indicators</b></p> <p><i>Amy E. Sparks, PhD, HCLD(ABB)</i> University of Iowa Dept. of Obstetrics &amp; Gynecology Iowa City, Iowa</p> <p style="text-align: right;">1 Hour Napoleon AB123</p>
10:45 a.m. - 11:15 a.m.	Break <span style="float: right;">Napoleon CD123</span>

Thursday, May 16, 2019 (continued)	
Time	CRB Symposium: Essential Elements of the Modern IVF Lab
11:15 a.m. - 12:15 p.m.	<b>Microfluidic Sorting of Sperm for Applications in Assisted Reproductive Technologies</b> <i>Utkan Demirci, PhD</i> Stanford University School of Medicine Palo Alto, California 1 Hour Napoleon AB123
12:15 p.m. - 2:00 p.m.	CRB Luncheon / Roundtables / Business Meeting 1 Hour Armstrong
2:00 p.m. - 3:00 p.m.	<b>The Value of Evaluating Embryos from Days 1 – 3</b> <i>Catherine Racowsky, PhD, HCLD/ELD(ABB)</i> Brigham and Women's Hospital Boston, Massachusetts 1 Hour Napoleon AB123
3:00 p.m. - 3:30 p.m.	Break Napoleon CD123
3:30 p.m. - 4:30 p.m.	<b>Should We Freeze It? Redefining Blastocyst Viability</b> <i>Dean Morbeck, PhD, HCLD/CC(ABB)</i> Fertility Associates Auckland, New Zealand 1 Hour Napoleon AB123
4:30 p.m. - 5:30 p.m.	<b>Preimplantation Genetic Testing: Controversies and Future Directions</b> <i>Tony Gordon, PhD</i> CooperGenomics London, United Kingdom 1 Hour Napoleon AB123
6:00 p.m. - 7:00 p.m.	Welcoming Reception Napoleon CD123
Friday, May 17, 2019	
Time	CRB Symposium: Essential Elements of the Modern IVF Lab
7:00 a.m. - 5:30 p.m.	Conference Registration Napoleon CD123
7:30 a.m. - 8:45 a.m.	Continental Breakfast Napoleon CD123
8:45 a.m. - 9:45 a.m.	<b>Personalized Treatment Plans: The Role of the Patient in the “PGT-A for All” vs “Give Embryo a Chance” Debate</b> <i>Dean Morbeck, PhD, HCLD/CC(ABB)</i> Fertility Associates Auckland, New Zealand 1 Hour Napoleon AB123
9:45 a.m. - 10:45 a.m.	<b>The Recent Evolution of Sperm Retrieval and Selection for ICSI</b> <i>Paul Turek, MD, FACS, FRSM</i> The Turek Clinic San Francisco, California 1 Hour Napoleon AB123
10:45 a.m. – 11:15 a.m.	Break Napoleon CD123
11:15 a.m. - 12:15 p.m.	<b>Reprogramming Human Immune Cells with CRISPR</b> <i>Alexander Marson, MD, PhD</i> UCSF Medical Center San Francisco, California 1 Hour Napoleon AB123
12:15 p.m. - 2:00 p.m.	CRB Luncheon / Sponsor Roundtables 1 Hour Armstrong

**Friday, May 17, 2019 (continued)**

<b>Time</b>	<b>CRB Symposium: Essential Elements of the Modern IVF Lab</b>	
2:00 p.m. - 3:00 p.m.	<b>CRISPR: Reproductive Ethics</b> <i>Danielle E. Holley, Esq, JD, MS</i> O'Connell and Aronowitz Attorneys at Law Albany, New York	1 Hour Napoleon AB123
3:00 p.m. - 3:30 p.m.	Break	Napoleon CD123
3:30 p.m. - 4:30 p.m.	<b>Fertility Preservation for Men, Women and Children</b> <i>Francesca E. Duncan, PhD</i> Northwestern University Chicago, Illinois	1 Hour Napoleon AB123
4:30 p.m. - 6:00 p.m.	<b>Oral Abstracts</b>	1.5 Hours Napoleon AB123
6:00 p.m. - 7:00 p.m.	<b>Poster Session and AAB Reception for All Conference Attendees</b>	1 Hour Armstrong

**Saturday, May 18, 2019**

<b>Time</b>	<b>CRB Symposium: Essential Elements of the Modern IVF Lab</b>	
7:00 a.m. - 5:30 p.m.	Conference Registration	Napoleon CD123
7:45 a.m. - 9:00 a.m.	Continental Breakfast	Napoleon CD123
8:00 a.m. - 9:00 a.m.	AAB Business Meeting (Open to All AAB Members)	Borgne
9:00 a.m. - 10:00 a.m.	<b>Rethinking Cryostorage</b> <i>Kimball O. Pomeroy, PhD, HCLD(ABB)</i> The World Egg Bank Phoenix, Arizona	1 Hour Napoleon AB123
10:00 a.m. - 10:30 a.m.	Break	Napoleon CD123
10:30 a.m. - 11:30 a.m.	<b>The New SART</b> <i>Amy E. Sparks, PhD, HCLD(ABB)</i> University of Iowa Dept. of Obstetrics and Gynecology Iowa City, Iowa	1 Hour Napoleon AB123
11:30 a.m. - 12:30 p.m.	<b>Flip My Lab: Remodeling the Modern Day Lab</b> <i>Barry R. Behr, PhD, HCLD/ELD/CC(ABB)</i> Stanford University Medical Center Sunnyvale, California	1 Hour Napoleon AB123
12:30 p.m. - 5:30 p.m.	AAB Board of Directors Meeting	Maurepas

**Preliminary Breakdown of Continuing Education**

CRB Workshop .....	6 Contact Hours
CRB Symposium .....	18.5 Contact Hours
CRB Symposium and Workshop .....	24.5 Contact Hours

The Workshop and CRB Symposium have been approved by PEER (American Board of Bioanalysis). In addition, contact hours earned can be used to satisfy CE requirements in the states of California, Florida, Louisiana and Montana.